

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AaA: Amor-----	85	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Depth to bedrock	0.58
AaB: Amor-----	85	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Depth to bedrock	0.58
AcC: Amor-----	50	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Depth to bedrock	0.58
Cabba-----	25	Poor Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.50 0.90	Poor Depth to bedrock Low strength	0.00 0.78	Poor Depth to bedrock	0.00
AdC: Amor-----	50	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Depth to bedrock	0.58
Rhoades-----	25	Poor Sodium content Droughty Low content of organic matter Salinity Too clayey	0.00 0.09 0.50 0.50 0.88	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.66	Poor Salinity Too Clayey	0.00 0.57
AeB: Amor-----	55	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Depth to bedrock	0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Werner-----	25	Poor Droughty Depth to bedrock	0.00 0.00	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.98	Poor Depth to bedrock	0.00
AkA: Archin-----	50	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
Bullock-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Water erosion	0.00 0.12 0.13 0.58 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
Ar: Arnegard-----	85	Fair Low content of organic matter	0.50	Good		Good	
AsA: Assinniboine-----	85	Fair Low content of organic matter	0.50	Good		Good	
AsB: Assinniboine-----	85	Fair Low content of organic matter	0.50	Good		Good	
AtA: Assinniboine-----	50	Fair Low content of organic matter	0.50	Good		Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Archin-----	25	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
AwB: Attewan-----	85	Fair Low content of organic matter	0.12	Good		Poor Hard to reclaim	0.00
Ba: Badland-----	85	Not rated		Not rated		Not rated	
BeC: Boxwell-----	85	Fair Depth to bedrock Low content of organic matter Droughty	0.58 0.88 0.92	Poor Depth to bedrock Low strength	0.00 0.78	Fair Depth to bedrock	0.58
BkF: Bullock-----	85	Poor Sodium content Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.29 0.58 0.88 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.91	Poor Sodium content Rock fragments Depth to bedrock Salinity	0.00 0.02 0.58 0.88
BnA: Bullock-----	55	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Water erosion	0.00 0.12 0.13 0.58 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
Assinniboine-----	30	Fair Low content of organic matter	0.50	Good		Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BoD: Bullock-----	45	Poor Sodium content Droughty Low content of organic matter Depth to bedrock Water erosion	0.00 0.09 0.12 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.22 0.91	Fair Sodium content Slope Salinity Depth to bedrock	0.22 0.37 0.50 0.58
Cabbart-----	30	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock Slope	0.00 0.50	Poor Slope Depth to bedrock Carbonate content	0.00 0.00 0.97
BpB: Bullock-----	40	Poor Sodium content Droughty Low content of organic matter Depth to bedrock Water erosion	0.00 0.09 0.12 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.22 0.91	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88
Slickspots, Dry-----	15	Not rated		Not rated		Not rated	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BsA: Bullock-----	55	Poor Sodium content Droughty Low content of organic matter Depth to bedrock Water erosion	0.00 0.09 0.12 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.22 0.91	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
Slickspots, Dry----	25	Not rated		Not rated		Not rated	
CaD: Cabba-----	35	Poor Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.50 0.90	Poor Depth to bedrock Slope Low strength	0.00 0.50 0.78	Poor Slope Depth to bedrock	0.00 0.00
Lantry-----	30	Fair Carbonate content Depth to bedrock Low content of organic matter Water erosion Droughty	0.46 0.58 0.88 0.90 0.92	Poor Depth to bedrock Low strength Slope	0.00 0.22 0.50	Poor Slope Carbonate content Depth to bedrock	0.00 0.46 0.58
Amor-----	20	Fair Depth to bedrock Droughty Carbonate content	0.58 0.95 0.97	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.78 0.87	Fair Slope Depth to bedrock	0.37 0.58
CbD: Cabba-----	45	Poor Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.50 0.90	Poor Depth to bedrock Slope Low strength	0.00 0.50 0.78	Poor Slope Depth to bedrock	0.00 0.00
Reeder-----	35	Fair Depth to bedrock Droughty	0.58 0.84	Poor Depth to bedrock Shrink-swell	0.00 0.89	Fair Slope Depth to bedrock	0.37 0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CcE: Cabbart-----	80	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.50 0.97	Not Rated Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Salinity Carbonate content	0.00 0.00 0.88 0.97
CdE: Cabbart-----	50	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Carbonate content	0.00 0.00 0.97
Delridge-----	25	Fair Depth to bedrock Droughty Low content of organic matter	0.58 0.71 0.88	Poor Depth to bedrock Low strength Slope Shrink-swell	0.00 0.00 0.50 0.99	Poor Slope Depth to bedrock	0.00 0.58
CeE: Cabbart-----	50	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Carbonate content	0.00 0.00 0.97
Rock Outcrop, Sandy-	25	Not rated		Not rated		Not rated	
ChA: Chinook-----	85	Fair Low content of organic matter	0.12	Good		Good	
CnA: Chinook-----	55	Fair Low content of organic matter	0.12	Good		Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Archin-----	25	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
CoE: Cohagen-----	75	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.88	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock	0.00 0.00
CrF: Cohagen-----	35	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.88	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock	0.00 0.00
Rock Outcrop, Sandy-	25	Not rated		Not rated		Not rated	
Cabba Variant-----	20	Poor Depth to bedrock Droughty Low content of organic matter Water erosion Too clayey	0.00 0.00 0.50 0.90 0.95	Poor Depth to bedrock Low strength Slope Shrink-swell	0.00 0.00 0.50 0.87	Poor Slope Depth to bedrock Too Clayey	0.00 0.00 0.62
DcC: Delridge-----	55	Fair Depth to bedrock Droughty Low content of organic matter	0.58 0.71 0.88	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.99	Fair Slope Depth to bedrock	0.37 0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cabbart-----	25	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock	0.00	Poor Depth to bedrock Slope Carbonate content	0.00 0.37 0.97
Du: Orthents, Tailings--	100	Not rated		Not rated		Not rated	
Dw: Dune Land-----	90	Not rated		Not rated		Not rated	
EaA: Eapa-----	85	Fair Low content of organic matter	0.12	Fair Low strength Shrink-swell	0.22 0.87	Good	
EcA: Eapa-----	45	Fair Low content of organic matter	0.12	Fair Low strength Shrink-swell	0.22 0.87	Good	
Archin-----	30	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
FaB: Farnuf-----	85	Fair Low content of organic matter	0.88	Poor Low strength Shrink-swell	0.00 0.87	Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FtE: Fleak-----	35	Poor Wind erosion Droughty Depth to bedrock Too sandy Low content of organic matter	0.00 0.00 0.00 0.00 0.12	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Too sandy	0.00 0.00 0.00
Trey-----	25	Poor Wind erosion Droughty Too sandy Low content of organic matter Depth to bedrock	0.00 0.00 0.00 0.50 0.58	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Too sandy Depth to bedrock	0.00 0.00 0.58
Rock Outcrop, Sandy-	20	Not rated		Not rated		Not rated	
GdA: Gerdrum-----	85	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.00
Ge: Glendive-----	85	Fair Low content of organic matter	0.12	Good		Good	
GhB: Glendive-----	50	Fair Low content of organic matter	0.12	Good		Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Archin-----	25	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
GkA: Grail-----	85	Poor Too clayey Water erosion	0.00 0.90	Poor Low strength Shrink-swell	0.00 0.47	Poor Too Clayey	0.00
GrA: Grail-----	55	Poor Too clayey Water erosion	0.00 0.90	Poor Low strength Shrink-swell	0.00 0.47	Poor Too Clayey	0.00
Daglum-----	30	Poor Sodium content Too clayey Low content of organic matter Salinity	0.00 0.00 0.50 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Salinity Sodium content Too Clayey	0.00 0.00 0.00
Ha: Hanly-----	85	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy	0.00
Hb: Hanly-----	85	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.00 0.12	Good		Poor Too sandy	0.00
Hd: Hanly-----	45	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy	0.00

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Dogiecreek-----	35	Poor Salinity Too alkaline Low content of organic matter Carbonate content	0.00 0.00 0.50 0.92	Fair Depth to saturated zone	0.14	Poor Salinity Depth to saturated zone	0.00 0.14
He: Hanly-----	60	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.00 0.12	Good		Poor Too sandy	0.00
Slickspots, Dry----	20	Not rated		Not rated		Not rated	
Hf: Harlake-----	85	Poor Too clayey Low content of organic matter	0.00 0.88	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
Hg: Havre-----	85	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Shrink-swell	0.87	Good	
Hh: Havre-----	50	Fair Low content of organic matter Water erosion	0.50 0.90	Fair Shrink-swell	0.87	Good	
Harlake-----	25	Fair Low content of organic matter	0.88	Poor Low strength Shrink-swell	0.00 0.12	Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hk: Heil-----	85	Poor Too clayey Low content of organic matter Salinity Water erosion	0.00 0.50 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone Salinity	0.00 0.00 0.00
HsB: Hisle-----	55	Poor Too clayey Sodium content Droughty Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
Slickspots, Dry----	25	Not rated		Not rated		Not rated	
KcF: Kirby-----	30	Poor Droughty Low content of organic matter Cobble content	0.00 0.12 0.77	Poor Slope Cobble content	0.00 0.12	Poor Slope Hard to reclaim Rock fragments	0.00 0.00 0.00
Cabbart-----	25	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock Slope	0.00 0.00	Poor Slope Depth to bedrock Carbonate content	0.00 0.00 0.97
Rock Outcrop, Sandy-	20	Not rated		Not rated		Not rated	
Ke: Korchea-----	85	Good		Fair Low strength Shrink-swell	0.22 0.87	Good	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Kg: Korchea-----	80	Good		Fair Shrink-swell	0.87	Good	
Km: Korchea-----	50	Good		Fair Low strength Shrink-swell	0.22 0.87	Good	
Archin-----	30	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
KoA: Kremlin-----	85	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Shrink-swell	0.99	Good	
KrA: Kremlin-----	55	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Shrink-swell	0.99	Good	
Archin-----	25	Poor Sodium content Low content of organic matter Salinity Water erosion	0.00 0.12 0.97 0.99	Good		Poor Salinity Sodium content	0.00 0.22
KyB: Kyle-----	85	Poor Too clayey Low content of organic matter Sodium content Water erosion	0.00 0.12 0.78 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey Sodium content Salinity	0.00 0.40 0.88

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Le: Lallie-----	85	Poor Too clayey Water erosion Carbonate content	0.00 0.90 0.92	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey Carbonate content	0.00 0.00 0.92
LhD: Lismas-----	50	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.12 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock Slope Rock fragments	0.00 0.00 0.37 0.97
Hisle-----	30	Poor Too clayey Sodium content Droughty Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
LkD: Lismas-----	45	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.12 0.99	Poor Depth to bedrock Shrink-swell Low strength Slope	0.00 0.00 0.00 0.50	Poor Slope Too Clayey Depth to bedrock Rock fragments	0.00 0.00 0.00 0.97
Winler-----	30	Poor Too clayey Droughty Depth to bedrock Too acid Water erosion	0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Slope Depth to bedrock	0.00 0.37 0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LrF: Lismas-----	55	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.12 0.99	Poor Depth to bedrock Slope Shrink-swell Low strength	0.00 0.00 0.00 0.00	Poor Slope Too Clayey Depth to bedrock Rock fragments	0.00 0.00 0.00 0.97
Rock Outcrop, Soft--	20	Not rated		Not rated		Not rated	
MaB: Marmarth-----	85	Fair Depth to bedrock Droughty	0.58 0.78	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Depth to bedrock	0.58
McC: Marmarth-----	55	Fair Depth to bedrock Droughty	0.58 0.78	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Depth to bedrock	0.58
Cabbart-----	25	Poor Droughty Depth to bedrock Low content of organic matter Carbonate content	0.00 0.00 0.88 0.97	Not Rated Depth to bedrock	0.00	Poor Depth to bedrock Carbonate content	0.00 0.97
MpB: Marmarth-----	50	Fair Depth to bedrock Droughty	0.58 0.78	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Depth to bedrock	0.58
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MtC: Marmarth-----	50	Fair Depth to bedrock Droughty	0.58 0.78	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Depth to bedrock	0.58
Twilight-----	30	Fair Droughty Depth to bedrock	0.03 0.58	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
MtD: Marmarth-----	45	Fair Depth to bedrock Droughty	0.58 0.78	Poor Depth to bedrock Shrink-swell	0.00 0.87	Fair Slope Depth to bedrock	0.37 0.58
Twilight-----	30	Fair Droughty Depth to bedrock	0.03 0.58	Poor Depth to bedrock	0.00	Fair Slope Depth to bedrock	0.37 0.58
NaD: Nihill Variant-----	45	Fair Droughty Depth to bedrock Low content of organic matter	0.11 0.58 0.88	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.58
Attewan-----	30	Fair Low content of organic matter	0.12	Good		Poor Hard to reclaim	0.00
PbB: Parchin-----	50	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bullock-----	30	Poor Sodium content Droughty Low content of organic matter Depth to bedrock Water erosion	0.00 0.09 0.12 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.22 0.91	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
PhA: Parshall-----	85	Good		Good		Good	
Pt: Orthents, Gravelly--	100	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.29	Not Rated Slope	0.00	Poor Rock fragments Slope Too sandy Hard to reclaim	0.00 0.00 0.14 0.18
RbB: Reeder-----	85	Fair Depth to bedrock Droughty	0.58 0.84	Poor Depth to bedrock Shrink-swell	0.00 0.89	Fair Depth to bedrock	0.58
RcC: Reeder-----	55	Fair Depth to bedrock Droughty	0.58 0.84	Poor Depth to bedrock Shrink-swell	0.00 0.89	Fair Depth to bedrock	0.58
Cabba-----	25	Poor Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.50 0.90	Poor Depth to bedrock Low strength	0.00 0.78	Poor Depth to bedrock	0.00
ReB: Reeder-----	55	Fair Depth to bedrock Droughty	0.58 0.84	Poor Depth to bedrock Shrink-swell	0.00 0.89	Fair Depth to bedrock	0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rhoades-----	25	Poor Sodium content Droughty Low content of organic matter Salinity Too clayey	0.00 0.09 0.50 0.50 0.88	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.66	Poor Salinity Too Clayey	0.00 0.57
RfE: Reva-----	50	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
Slimbutte-----	25	Fair Cobble content Droughty	0.70 0.95	Poor Slope Cobble content	0.00 0.42	Poor Slope Hard to reclaim Rock fragments	0.00 0.00 0.00
RgE: Reva-----	50	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
Rock Outcrop, Sandy-	25	Not rated		Not rated		Not rated	
RhB: Rhame-----	80	Fair Low content of organic matter Droughty Depth to bedrock	0.12 0.47 0.58	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
RmB: Rhame-----	55	Fair Depth to bedrock Droughty Low content of organic matter	0.58 0.70 0.88	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88
RnA: Rhoades-----	60	Poor Too clayey Sodium content Salinity Droughty	0.00 0.00 0.50 0.53	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00
Daglum-----	30	Poor Sodium content Too clayey Low content of organic matter Salinity	0.00 0.00 0.50 0.50	Poor Low strength Shrink-swell	0.00 0.12	Poor Salinity Sodium content Too Clayey	0.00 0.00 0.00
RnB: Rhoades-----	50	Poor Sodium content Droughty Low content of organic matter Salinity Too clayey	0.00 0.09 0.50 0.50 0.88	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.66	Poor Salinity Too Clayey	0.00 0.57
Daglum-----	30	Poor Too clayey Sodium content Low content of organic matter Salinity Droughty	0.00 0.00 0.50 0.50 0.87	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.58 0.67	Poor Salinity Too Clayey Sodium content	0.00 0.00 0.02
RoF: Rock Outcrop, Sandy-	85	Not rated		Not rated		Not rated	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RrF: Rock Outcrop, Sandy-	40	Not rated		Not rated		Not rated	
Reva-----	35	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
RsF: Rockoa-----	50	Fair Cobble content Low content of organic matter Stone content	0.02 0.12 0.82	Poor Cobble content Stone content Slope	0.00 0.82 0.98	Poor Hard to reclaim Rock fragments Slope	0.00 0.00 0.00
Reva-----	25	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
SaA: Sage-----	85	Poor Salinity Too clayey Droughty Low content of organic matter	0.00 0.00 0.40 0.50	Poor Shrink-swell Low strength Depth to saturated zone Depth to bedrock	0.00 0.00 0.00 0.58	Poor Salinity Too Clayey Depth to saturated zone	0.00 0.00 0.00
SbA: Sage-----	60	Poor Salinity Too clayey Droughty Low content of organic matter Water erosion	0.00 0.00 0.21 0.50 0.99	Poor Shrink-swell Low strength Depth to saturated zone Depth to bedrock	0.00 0.00 0.00 0.58	Poor Salinity Too Clayey Depth to saturated zone	0.00 0.00 0.00

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hisle Variant-----	20	Poor Too clayey Sodium content Droughty Low content of organic matter Depth to bedrock Salinity Water erosion	0.00 0.00 0.04 0.50 0.58 0.97 0.99	Poor Depth to bedrock Low strength Shrink-swell Depth to saturated zone	0.00 0.00 0.12 0.14	Poor Too Clayey Sodium content Salinity Depth to saturated zone Depth to bedrock	0.00 0.00 0.00 0.14 0.58
SgA: Savage-----	90	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
ShB: Shambo-----	85	Fair Low content of organic matter	0.50	Fair Shrink-swell	0.87	Good	
SmB: Shambo-----	50	Fair Low content of organic matter	0.50	Fair Shrink-swell	0.87	Good	
Rhoades-----	25	Poor Too clayey Sodium content Salinity Droughty	0.00 0.00 0.50 0.53	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00
Sn: Slickspots, Dry-----	85	Not rated		Not rated		Not rated	
SpC: Slimbutte-----	35	Fair Cobble content Droughty	0.70 0.99	Fair Cobble content	0.42	Poor Hard to reclaim Rock fragments Slope	0.00 0.00 0.96

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Arnegard-----	25	Fair Low content of organic matter	0.50	Good		Good	
Reva-----	20	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock	0.00	Poor Rock fragments Depth to bedrock Slope	0.00 0.00 0.96
SrE: Slimbutte-----	50	Fair Cobble content Droughty	0.70 0.95	Poor Slope Cobble content	0.00 0.42	Poor Slope Hard to reclaim Rock fragments	0.00 0.00 0.00
Reva-----	30	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
SwA: Swanboy-----	85	Poor Too clayey Low content of organic matter Droughty Salinity Water erosion	0.00 0.50 0.94 0.97 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey Salinity	0.00 0.00
SyA: Swanboy-----	55	Poor Too clayey Low content of organic matter Droughty Salinity Water erosion	0.00 0.50 0.94 0.97 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey Salinity	0.00 0.00
Slickspots, Dry-----	25	Not rated		Not rated		Not rated	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
TnB: Tanna-----	85	Poor Too clayey Depth to bedrock Droughty Water erosion	0.00 0.58 0.80 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too Clayey Depth to bedrock	0.00 0.58
ToA: Tanna-----	50	Poor Too clayey Depth to bedrock Droughty Water erosion	0.00 0.58 0.80 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too Clayey Depth to bedrock	0.00 0.58
Gerdrum-----	35	Poor Sodium content Too clayey Low content of organic matter Salinity Water erosion	0.00 0.00 0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Sodium content Salinity Too Clayey	0.00 0.00 0.00
ToC: Tanna-----	55	Poor Too clayey Depth to bedrock Droughty Water erosion	0.00 0.58 0.80 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too Clayey Depth to bedrock	0.00 0.58
Rhoades-----	25	Poor Sodium content Droughty Low content of organic matter Salinity Too clayey	0.00 0.09 0.50 0.50 0.88	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.66	Poor Salinity Too Clayey	0.00 0.57

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
TrB: Trey-----	85	Poor Wind erosion Droughty Too sandy Low content of organic matter Depth to bedrock	0.00 0.00 0.00 0.50 0.58	Poor Depth to bedrock	0.00	Poor Too sandy Depth to bedrock	0.00 0.58
TtC: Trey-----	55	Poor Wind erosion Droughty Too sandy Low content of organic matter Depth to bedrock	0.00 0.00 0.00 0.50 0.58	Poor Depth to bedrock	0.00	Poor Too sandy Depth to bedrock	0.00 0.58
Fleak-----	20	Poor Wind erosion Droughty Depth to bedrock Too sandy Low content of organic matter	0.00 0.00 0.00 0.00 0.12	Poor Depth to bedrock	0.00	Poor Depth to bedrock Too sandy Slope	0.00 0.00 0.37
TvB: Trey-----	40	Poor Wind erosion Droughty Too sandy Low content of organic matter Depth to bedrock	0.00 0.00 0.00 0.50 0.58	Poor Depth to bedrock	0.00	Poor Too sandy Depth to bedrock	0.00 0.58
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Bullock-----	15	Poor Sodium content Droughty Low content of organic matter Depth to bedrock Water erosion	0.00 0.09 0.12 0.58 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.22 0.91	Fair Sodium content Salinity Depth to bedrock	0.22 0.50 0.58
TwC: Twilight-----	85	Fair Droughty Depth to bedrock	0.03 0.58	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
TxE: Twilight-----	55	Fair Droughty Depth to bedrock	0.03 0.58	Poor Depth to bedrock	0.00	Fair Slope Depth to bedrock	0.37 0.58
Blackhall-----	25	Poor Droughty Depth to bedrock Low content of organic matter Sodium content	0.00 0.00 0.12 0.78	Poor Depth to bedrock Slope	0.00 0.50	Poor Slope Depth to bedrock Sodium content	0.00 0.00 0.78
TyC: Twilight-----	55	Fair Droughty Depth to bedrock	0.03 0.58	Poor Depth to bedrock	0.00	Fair Slope Depth to bedrock	0.37 0.58
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
TzA: Twotop-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.50 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey	0.00
VaF: Vanocker-----	50	Poor Stone content Low content of organic matter	0.00 0.12	Poor Slope Stone content Shrink-swell	0.00 0.00 0.87	Poor Slope Rock fragments Hard to reclaim	0.00 0.00 0.00
Reva-----	25	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock Slope	0.00 0.00	Poor Slope Rock fragments Depth to bedrock	0.00 0.00 0.00
VbB: Vebar-----	85	Fair Depth to bedrock Droughty	0.58 0.75	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
VcC: Vebar-----	50	Fair Depth to bedrock Droughty	0.58 0.75	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
Cohagen-----	25	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.88	Poor Depth to bedrock	0.00	Poor Depth to bedrock	0.00
VcD: Vebar-----	45	Fair Depth to bedrock Droughty	0.58 0.75	Poor Depth to bedrock	0.00	Fair Slope Depth to bedrock	0.37 0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cohagen-----	30	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.88	Poor Depth to bedrock	0.00	Poor Depth to bedrock Slope	0.00 0.37
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
WaB: Watrous-----	55	Fair Depth to bedrock Droughty	0.58 0.96	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.89	Fair Depth to bedrock	0.58
Werner-----	30	Poor Droughty Depth to bedrock	0.00 0.00	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.98	Poor Depth to bedrock	0.00
WbB: Watrous-----	45	Fair Depth to bedrock Droughty	0.58 0.96	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.89	Fair Depth to bedrock	0.58
Rhoades-----	35	Poor Too clayey Sodium content Droughty Salinity	0.00 0.00 0.00 0.50	Not Rated Depth to bedrock Shrink-swell	0.00 0.00 0.91	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00
WdC: Werner-----	45	Poor Droughty Depth to bedrock	0.00 0.00	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.98	Poor Depth to bedrock	0.00

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Reva-----	30	Poor Droughty Depth to bedrock Low content of organic matter	0.00 0.00 0.50	Poor Depth to bedrock	0.00	Poor Rock fragments Depth to bedrock	0.00 0.00
WeC: Werner-----	55	Poor Droughty Depth to bedrock	0.00 0.00	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.98	Poor Depth to bedrock	0.00
Watrous-----	25	Fair Depth to bedrock Droughty	0.58 0.96	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.89	Fair Depth to bedrock	0.58
WhB: Winler-----	50	Poor Too clayey Droughty Depth to bedrock Too acid Water erosion	0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock	0.00 0.58
Hisle-----	30	Poor Too clayey Sodium content Droughty Depth to bedrock Salinity Water erosion	0.00 0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Sodium content Salinity Depth to bedrock	0.00 0.00 0.00 0.58
WsC: Winler-----	50	Poor Too clayey Droughty Depth to bedrock Too acid Water erosion	0.00 0.00 0.58 0.97 0.99	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock	0.00 0.58

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lismas-----	25	Poor Too clayey Droughty Depth to bedrock Low content of organic matter Water erosion	0.00 0.00 0.00 0.12 0.99	Poor Depth to bedrock Shrink-swell Low strength	0.00 0.00 0.00	Poor Too Clayey Depth to bedrock Slope Rock fragments	0.00 0.00 0.37 0.97
ww: Water (greater Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
ZaB: Zeona-----	85	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.36 0.76	Good		Fair Too sandy	0.36
ZaD: Zeona-----	80	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.36 0.76	Fair Slope	0.92	Poor Slope Too sandy	0.00 0.36
ZbC: Zeona-----	55	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.36 0.76	Good		Fair Too sandy	0.36
Blownout Land-----	25	Not rated		Not rated		Not rated	

Section II
Soil and Site Information

Construction Materials Table 2
Harding County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZpB: Zeona-----	55	Poor Wind erosion Low content of organic matter Too sandy Droughty	0.00 0.12 0.36 0.76	Good		Fair Too sandy	0.36
Parchin-----	25	Poor Sodium content Low content of organic matter Droughty Depth to bedrock Too acid Water erosion	0.00 0.12 0.30 0.58 0.97 0.99	Poor Depth to bedrock Shrink-swell	0.00 0.92	Poor Hard to reclaim Sodium content Depth to bedrock Salinity	0.00 0.00 0.58 0.88

